

# Public Health Services

## FUNCTION

The functions of the Public Health Services programs are to protect and promote the health of County residents. This is accomplished by monitoring health status and implementing intervention strategies to contain or prevent disease spread, fostering public-private partnerships which assure access to health services, developing and implementing programs and strategies to address health needs, and evaluating the effectiveness of select programs and strategies.

## PROGRAM CONTACTS

Contact Richard Helfrich of the HHS - Public Health Services at 240.777.4251 or Kimberly M. Mayo of the Office of Management and Budget at 240.777.2775 for more information regarding this service area's operating budget.

## PROGRAM DESCRIPTIONS

### Care for Kids Program

This program provides comprehensive health care services for uninsured, medically-indigent children through public-private partnerships, using the resources of private pediatricians and health-provider organizations. This program includes pharmacy, laboratory, and specialty services.

### FY05 Recommended Changes

	Expenditures	WYs
<b>FY04 Approved</b>	<b>702,590</b>	<b>0.0</b>
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	510	0.0
<b>FY05 CE Recommended</b>	<b>703,100</b>	<b>0.0</b>

### Communicable Disease, Epidemiology, & Lab Services

This program involves investigations, management, and control of the spread of over 60 infectious diseases as stipulated by Maryland law, including: rabies; hepatitis A, B, and C; salmonellosis; measles; cholera; legionellosis; and lyme disease. Emerging pathogens, such as West Nile Virus, are addressed with aggressive surveillance efforts and collaboration with State agencies. Disease outbreaks in high-risk populations are managed to prevent further spread of the diseases to others. Educational programs are provided to groups who serve persons at-risk for infectious diseases (homeless shelters, nursing homes, day care centers, etc.). The program also provides vital records (birth and death) administration for Montgomery County and coordinates clinical services and community education activities to promote accessibility to immunization for children below age two.

## Program Summary

	Expenditures	WYs
Care for Kids Program	703,100	0.0
Communicable Disease, Epidemiology, & Lab Services	1,356,860	16.0
Community Health Nursing	10,505,940	86.0
Dental Services	1,382,220	13.8
Environmental Health Regulatory Services	2,539,920	27.9
Health Care and Group Residential Facilities	1,147,940	11.0
Health Promotion and Prevention	2,088,880	9.1
Specialty Medical Evaluations	802,330	9.1
Cigarette Restitution Fund Programs	1,915,180	4.0
STD/HIV Prevention and Treatment	4,466,670	34.7
School Health Services	12,776,160	188.2
Tuberculosis Services	1,596,490	17.2
Women's Health Services	3,476,980	22.5
Public Health Emergency Preparedness Response Program	637,550	8.6
Service Area Administration	701,370	3.0
<b>Totals</b>	<b>47,097,590</b>	<b>451.1</b>

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>1,352,240</b>	<b>16.0</b>
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	4,620	0.0
<b>FY05 CE Recommended</b>	<b>1,356,860</b>	<b>16.0</b>

### **Community Health Nursing**

This program provides a single point of entry for eligibility screening and assignment to community health services. Services include general care; access to care through public-private partnerships; and case management of targeted populations including pregnant women, children, and vulnerable clients in the Medicaid managed-care system. Other services include immunizations and pregnancy testing. This program also includes the African-American Health Program, a public-private, community-based program that focuses on the elimination of this community's substantial health disparities as compared to the general population, as well as improving access to culturally appropriate health care.

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>9,623,130</b>	<b>87.2</b>
Add: Asian-American Health Initiative (includes a new Program Manager position)	350,000	0.8
Enhance: African American Health Program	75,000	0.0
Increase Cost: Annualization of FY04 operating expenses	200,000	0.0
Shift: Personnel costs to operating expenses in the PWC MD Kids Count grant (eliminate Community Service Aide position)	0	-1.0
Shift: Staff and programs to reflect department reorganization	-81,090	-1.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	338,900	0.0
<b>FY05 CE Recommended</b>	<b>10,505,940</b>	<b>86.0</b>

### **Dental Services**

This program provides dental services to promote oral health. Services include teaching of preventive health practices, primary assessments, targeted dental services, and emergency services. Services are provided to income-eligible Montgomery County children, pregnant women, and seniors. This program also includes an HIV Dental Program, which provides comprehensive oral health services to HIV-infected clients.

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>1,338,610</b>	<b>13.7</b>
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	43,610	0.1
<b>FY05 CE Recommended</b>	<b>1,382,220</b>	<b>13.8</b>

### **Environmental Health Regulatory Services**

This program involves issuing permits for and inspection of, a variety of activities in order to protect the public health by ensuring that sanitation standards are met and maintained, and that there is minimal risk of injuries and spread of diseases. Food service establishments, swimming pools, health-care facilities, group homes, private educational facilities for children and adults, hotels, motels, massage establishments, and a variety of other facilities used by the public, are inspected and licensed. Inspections are conducted for compliance with health and safety standards established by the County and by State of Maryland laws and regulations. The County's Rat Control Ordinance and smoking prohibitions and restrictions are enforced under this program. Complaints made by the public are investigated and orders for correction are issued as appropriate.

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>2,228,960</b>	<b>27.1</b>
Add: West Nile Virus Initiative (includes funds for a new Environmental Health Specialist Position)	88,860	0.8
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	222,100	0.0
<b>FY05 CE Recommended</b>	<b>2,539,920</b>	<b>27.9</b>

### **Health Care and Group Residential Facilities**

This program inspects and licenses nursing homes, domiciliary care homes (less intensive care than nursing homes), adult day care centers, group homes and assisted living facilities to ensure compliance with County, State, and Federal laws and regulations. Staff respond to complaints and provide advice and consultations to licensees to maintain high standards of care.

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>868,990</b>	<b>9.5</b>
Shift: Staff and programs to reflect department reorganization	181,500	1.5
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	97,450	0.0
<b>FY05 CE Recommended</b>	<b>1,147,940</b>	<b>11.0</b>

### **Health Promotion and Prevention**

This program provides a combination of training, consultation, coalition building, and health information to community groups to help change attitudes and behaviors related to alcohol, tobacco, and other drug use; administers grants to community groups for substance abuse prevention; and operates the "5 A DAY Nutrition" program for elementary schools, a smoking-cessation program for adults, a traffic safety and injury prevention program, a child abuse prevention and parenting program for high-risk parents, and a training program to enable Spanish speaking health promoters to disseminate specific health information in the community. This program also

includes the Latino Health Initiative, a public-private, community-based program that focuses on the elimination of this community's health disparities as compared to the general population, as well as improving access to culturally appropriate health care.

#### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>1,851,130</b>	<b>8.7</b>
Enhance: Latino Health Initiative	75,000	0.5
Add: New Model Programs Initiative grant	77,310	0.0
Increase Cost: To reflect Traffic Safety Education and Prevention grant award	138,000	0.0
Shift: Youth Strategies Parents the Anti-Drug to the Montgomery County Collaboration Council	-15,000	0.0
Shift: Youth Strategies Drawing the Line to the Montgomery County Collaboration Council	-56,250	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	18,690	-0.1
<b>FY05 CE Recommended</b>	<b>2,088,880</b>	<b>9.1</b>

#### **Specialty Medical Evaluations**

This program provides specialty diagnostic, medical, and surgical treatment to medically-indigent children through public/private partnership. Care coordination is provided for children and adolescents of low-income families with chronic or handicapping conditions. Audiology services provide testing for suspected or known hearing loss to eligible persons of all ages.

#### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>851,860</b>	<b>9.1</b>
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	-49,530	0.0
<b>FY05 CE Recommended</b>	<b>802,330</b>	<b>9.1</b>

#### **Cigarette Restitution Fund Programs**

Tobacco Use Prevention and Cessation Program and the Cancer Prevention, Education, Screening and Treatment Program are two major programs funded through the State Cigarette Restitution Funds. The State funding allows for administering grants to community groups for outreach, screenings, education, and treatment. Each program has established coalitions consisting of public health partners, community based organizations, hospitals, and other existing resources that work collaboratively to implement the statewide goal of early detection and elimination of cancer disparities, as well as the establishment of comprehensive tobacco-control programs.

#### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>2,945,990</b>	<b>7.3</b>
Reduce: To reflect Cigarette Restitution Fund - Cancer Prevention, Education grant award	-755,730	-2.0
Reduce: To reflect Cigarette Restitution Fund - Tobacco Prevention and Education Program		

#### **Public Health Services**

grant award	-275,090	-1.3
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	10	0.0
<b>FY05 CE Recommended</b>	<b>1,915,180</b>	<b>4.0</b>

#### **STD/HIV Prevention and Treatment**

The STD Program provides diagnosis and treatment to those who have contracted sexually transmitted diseases (STDs). Contacts of diseased patients are confidentially notified and referred for treatment. HIV counseling and testing is provided, with referral for medical and psychosocial support services if the test is positive. The HIV program provides primary medical care through all stages of HIV/AIDS, medication, as well as a broad spectrum of case management support services. Other services include home/hospice care, coordination of a regional HIV dental clinic, and housing services through the Housing Opportunities for Persons with AIDS (HOPWA) program.

#### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>4,199,050</b>	<b>36.0</b>
Increase Cost: Miscellaneous adjustments to HIV grants	196,150	-1.3
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	71,470	0.0
<b>FY05 CE Recommended</b>	<b>4,466,670</b>	<b>34.7</b>

#### **School Health Services**

This program provides school-based health services to students in Montgomery County Public Schools. Services include emergency care; crisis intervention; referral for medical, psychological, and behavioral conditions; and health counseling and education. The program coordinates the health components of Head Start. It also administers the School Health Services Center, which provides services to students and families who have recently immigrated, as well as the health services at the school-based health centers.

#### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>0</b>	<b>0.0</b>
Increase Cost: To reflect Teen Pregnancy and Parenting grant award	11,680	0.0
Increase Cost: School Health personnel costs	140,000	0.0
Eliminate: Health Vision grant	-10,000	0.0
Shift: Staff and programs to reflect department reorganization	12,024,220	188.2
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	610,260	0.0
<b>FY05 CE Recommended</b>	<b>12,776,160</b>	<b>188.2</b>

## **Tuberculosis Services**

This program involves testing persons for exposure to Tuberculosis (TB), treating active cases, identifying persons at risk of developing TB, performing contact studies to determine who may have been exposed to an infectious person, and the supervision of therapy. Each patient is diagnosed, a treatment plan developed, and medication supervised. Special programs are provided to high-risk populations, such as the homeless, addicted persons, incarcerated persons, and persons living in high-density areas of foreign-born populations.

The Refugee Health Program is a part of TB control and involves screening all persons who enter the County with refugee status for communicable diseases. Refugees are medically assessed and are either treated or referred to the private sector. The Migrant Health Program is also provided in compliance with Federal laws governing migrant laborers.

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>1,509,190</b>	<b>17.2</b>
Increase Cost: Miscellaneous grant adjustments	42,840	-0.1
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	44,460	0.1
<b>FY05 CE Recommended</b>	<b>1,596,490</b>	<b>17.2</b>

## **Women's Health Services**

This program provides family-planning services; prenatal health care; gynecological examinations, including breast and cervical cancer screening to income-eligible women; and case management services. Referral services are provided for individuals with specific health issues (i.e. sexually transmitted diseases). Newborn delivery services are provided through participating hospitals, as are nursing case-management services for mothers of high-risk infants.

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>3,105,200</b>	<b>20.2</b>
Enhance: Project Deliver Program (includes funds for a new Community Service Aide position)	323,460	0.8
Increase Cost: Holy Cross Hospital for maternity services	26,000	0.0
Increase Cost: Miscellaneous grant adjustments	-24,900	0.0
Shift: Operating expenses to personnel costs to create a part-time Community Health Nurse and full-time Community Service Aide for Breast and Cervical Cancer Treatment and Outreach grant	0	1.5
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	47,220	0.0
<b>FY05 CE Recommended</b>	<b>3,476,980</b>	<b>22.5</b>

## **Public Health Emergency Preparedness Response Program**

This program is responsible for the planning and readiness to identify a bio-terrorism threat and to respond immediately if a disaster occurs. Planning efforts are in collaboration with Department of Fire and Rescue Service, Police, and a variety of other County, State, and regional agencies. Initial efforts are targeted at training and staff development; enhancement of emergency response capacity; development of communication strategies; acquisition of resources and equipment; the establishment of disease surveillance systems and smallpox readiness.

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>976,940</b>	<b>5.6</b>
Increase Cost: To reflect Center for Disease Control - Bioterrorism grant award (added two Community Health Nurses and one Office Services Coordinator)	645,060	3.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	15,550	0.0
<b>FY05 CE Recommended</b>	<b>1,637,550</b>	<b>8.6</b>

## **Service Area Administration**

This program provides leadership and direction for the administration of Public Health Services.

### **FY05 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY04 Approved</b>	<b>835,270</b>	<b>3.0</b>
Shift: Staff and programs to reflect department reorganization	-155,050	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, and changes due to staff turnover	21,150	0.0
<b>FY05 CE Recommended</b>	<b>701,370</b>	<b>3.0</b>

## HEALTH AND HUMAN SERVICES

### Public Health Services

**PROGRAM:**

Environmental Health Regulatory Services; Communicable Disease, Epidemiology, and Lab Services

**PROGRAM ELEMENT:**

Foodborne Diseases and Illnesses

**PROGRAM MISSION:**

To protect the public from foodborne diseases

**COMMUNITY OUTCOMES SUPPORTED:**

- Children and adults who are physically and mentally healthy

**PROGRAM MEASURES**

	FY01 ACTUAL	FY02 ACTUAL	FY03 ACTUAL	FY04 BUDGET	FY05 CE REC
<b>Outcomes/Results:</b>					
Incidence of major reportable cases of foodborne disease per 100,000 population	24.9	23.7	24.0	25	25
Percentage of facilities having a critical violation upon routine inspection	28.4	28.8	28.9	26	26
<b>Service Quality:</b>					
Percentage of salmonella case investigations that are begun within 2 working days	98	98	90	96	98
Percentage of State-mandated inspections completed	<sup>a</sup> NA	<sup>a</sup> NA	65.6	75	100
<b>Efficiency:</b>					
Average cost per facility inspection (\$)	189	205	258	249	249
Average number of inspections per inspector per day	2.9	3.9	4.0	4.0	4.0
<b>Workload/Outputs:</b>					
Number of individuals with reportable foodborne illnesses investigated	212	202	210	220	230
Number of licensed food service facility inspections	5,565	<sup>b</sup> 5,291	<sup>c</sup> 4,002	5,600	5,600
<b>Inputs:</b>					
Expenditures (\$000)	1,050	1,296	1,296	<sup>d</sup> 1,245	1,245
Workyears	16.6	16.6	16.6	<sup>d</sup> 13.8	13.8

**Notes:**

<sup>a</sup>The changeover to a new data system precluded collection of this data (extraction of data from the new computer system has been delayed). The program returned to using the old data collection system for FY03.

<sup>b</sup>The number of inspections was down due to a special project and Foodborne Investigation vacancies.

<sup>c</sup>The reduction in the number of inspections was due to Bio-Terrorism mandates, vacancies, and transfer of outbreak investigations to the License and Regulatory Office.

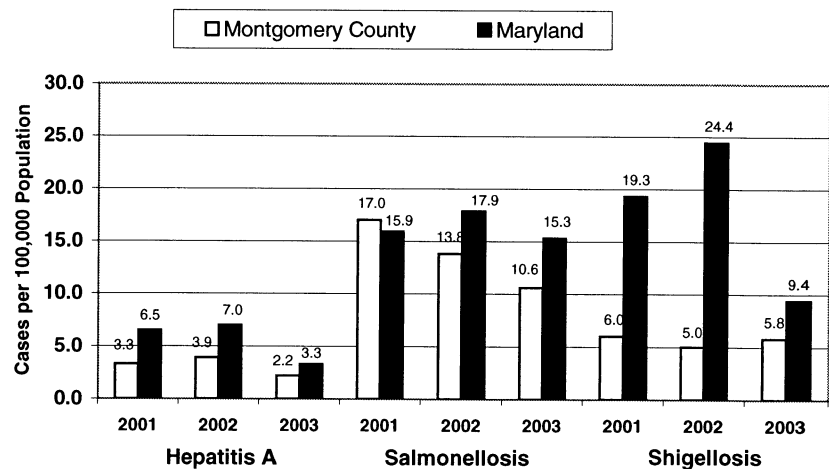
<sup>d</sup>A quality audit conducted in FY04 resulted in a reallocation of workyears and expenditures.

**EXPLANATION:**

These two programs issue permits, conduct inspections, enforce County laws and ordinances, and investigate and manage outbreaks in order to protect the public health from foodborne diseases. Montgomery County continues to investigate foodborne outbreaks. Spring and summer are the times of greatest activity. This is to be expected, of course, due to the increased frequency of celebrations serving food coupled with conditions more favorable to organism growth in warm weather.

Increased surveillance and case findings account for the steady, slow decline in the number of cases and case rates for illness. Experts estimate that reported cases account for only 10% of the actual incidence of disease. The increase in outbreak activity is, in part, an indication of the increased vigilance of these two programs in monitoring the health of the community.

**Relative Incidence of Common Reportable Foodborne Diseases**



**PROGRAM PARTNERS IN SUPPORT OF OUTCOMES:** Maryland State Department of Health and Mental Hygiene, Centers for Disease Control, University of Maryland, other health departments, hospitals, media.

**MAJOR RELATED PLANS AND GUIDELINES:** COMAR 10.15.03, County Executive Regulation 11-93, Department of Health and Mental Hygiene Policy and Procedure Manual, County Code Chapter 15.

# HEALTH AND HUMAN SERVICES

## Public Health Services

### PROGRAM:

School Health Services

### PROGRAM ELEMENT:

School Health Services Center

### PROGRAM MISSION:

To immunize school-age children, to screen high-risk students for tuberculosis to protect them and the public from vaccine-preventable disease and tuberculosis, and to share child health program information with parents of uninsured children

### COMMUNITY OUTCOMES SUPPORTED:

- Children and adults who are physically and mentally healthy

### PROGRAM MEASURES

	FY01 ACTUAL	FY02 ACTUAL	FY03 ACTUAL	FY04 BUDGET	FY05 CE REC
<b>Outcomes/Results:</b>					
Percentage of students receiving immunizations <sup>a</sup>	NA	82	71	75	75
Percentage of students screened for tuberculosis <sup>b</sup>	NA	77	68	75	75
Percentage of students receiving information regarding child health programs <sup>c</sup>	NA	11	16	20	20
<b>Service Quality:</b>					
Percentage of clients satisfied with the services received	NA	99	99	99	99
<b>Efficiency:</b>					
Average cost per client visit (\$)	13.45	13.56	18.58	14.64	14.93
<b>Workload/Outputs:</b>					
Number of student immunization histories reviewed	NA	5,547	4,929	5,000	5,000
Number of immunizations given	18,037	14,665	12,953	13,000	13,000
Number of tuberculosis screens	4,405	4,267	3,362	3,300	3,300
Number of MCHP/CFK applications given <sup>d</sup>	841	594	304	500	500
Number of client visits <sup>f</sup>	14,572	14,435	12,349	12,500	12,500
<b>Inputs:</b>					
Expenditures (\$000) <sup>e</sup>	196	195	229	248	253
Workyears	3.2	3.2	3.2	3.2	3.2

### Notes:

<sup>a</sup>Based on the number of students in need of immunizations at the time of enrollment.

<sup>b</sup>Based on the number of students (international non-citizen students) who have not been in the U.S. school system more than two years or others who have lived outside of the U.S. one year or more.

<sup>c</sup>This information is only given to students identified as uninsured.

<sup>d</sup>The Maryland Children's Health Plan (MCHP) and Care For Kids (CFK) are State and local funded health insurance plans for uninsured children.

<sup>e</sup>It is estimated that 2% of the School Health Services budget is allocated to the School Health Services Center.

<sup>f</sup>Decreases in the number of students are related to changes in immigration trends after 9/11/01 and correspond to decreases at the International Student Admissions Office. The trend is expected to plateau in FY04 and FY05.

### EXPLANATION:

The School Health Services Center, as an adjunct to the enrollment process of the Montgomery County Public Schools' International Students Admissions Office, provides immunizations and tuberculosis screenings to international students enrolling in the public school system. Walk-in immunization services are provided to any school-age residents of the County three mornings per week. Staff also provide parents of uninsured children with information on and assistance in applying for the Maryland Children's Health Program and the Care For Kids program.

**PROGRAM PARTNERS IN SUPPORT OF OUTCOMES:** Department of Health and Human Services, Montgomery County Public Schools.

**MAJOR RELATED PLANS AND GUIDELINES:** Maryland State Board of Nursing; COMAR for School Health Services; Maryland State Department of Education and Montgomery County Public Schools requirements, guidelines, policies, and directives; Maryland Department of Health and Mental Hygiene and Montgomery County Department of Health and Human Services requirements, guidelines, policies, and directives, including the School Health Services' Manual and the Maryland State Board of Nursing Nurse Practice Act.